

ABSTRACT OF THE DISCLOSURE

Purified hCG-hLH receptor, hCG-hLH receptor-hCG complex and combinations between their subunits as antigens, as well as antibodies thereto which are useful as a contraceptive vaccine. Antibodies to LH-R are useful in regulating steroid hormone production. Nucleic acid sequences encoding polypeptides with LH receptor activity were obtained and sequenced.